

***LineUp With Math™* Alignment to  
Mathematics Grade-Level Standards  
Adopted April 2002**

**Measurement**

***CCG: Units and Tools:***

Understand measurable attributes of objects and the units, systems and processes of measurement.

**Grade-Level Standards**

M.CIM.4.A.1(1) Determine the appropriate units, scales, and tools for problem situations involving measurement.

***LineUp With Math™* Activities**

--Apply mathematics to solving distance, rate, and time problems for aircraft conflict scenarios.

***CCG: Direct & Indirect Measurement:***

Apply appropriate techniques, tools, and formulas to determine measurements.

**Grade-Level Standards**

M.CIM.4.B.1(8) Make and use scale drawings and models to solve problems.

***LineUp With Math™* Activities**

--Use an interactive simulator plus calculation worksheets to model and resolve air traffic control conflicts.

**Mathematical Problem Solving**

***CCG: Conceptual Understanding:***

Select, apply, and translate among mathematical representations to solve problems.

**Grade-Level Standards**

M.CIM.6.A.1(1) Interpret the concepts of a problem-solving task and translate them into mathematics.

***LineUp With Math™* Activities**

--Apply mathematics to solving distance, rate, and time problems for aircraft conflict scenarios.

***CCG: Processes and Strategies:***

Apply and adapt a variety of appropriate strategies to solve problems.

**Grade-Level Standards**

M.CIM.6.B.1(1) Choose strategies that can work and then carry out the strategies chosen.

***LineUp With Math™* Activities**

--Choose and apply a variety of strategies to optimize the solution of air traffic control conflicts.

***CCG: Communication:***

Communicate mathematical thinking coherently and clearly. Use the language of mathematics to express mathematical ideas precisely.

**Grade-Level Standards**

M.CIM.6.D.1(1) Use pictures, symbols, and/or vocabulary to convey the path to the identified solution.

***LineUp With Math™* Activities**

--Use an interactive simulator plus calculation worksheets to model and resolve air traffic control conflicts.

**CCG: Accuracy:**

Accurately solve problems that arise in mathematics and other contexts.

**Grade-Level Standards**

M.CIM.6.E.1(1) Accurately solve problems using mathematics.

***LineUp With Math™* Activities**

--Apply mathematics to solving distance, rate, and time problems for aircraft conflict scenarios.